

EAST Search History K.G

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	US-6643014-\$.DID. OR US-6577390-\$.DID. OR US-6429935-\$.DID. OR US-6381014-\$.DID. OR US-6594010-\$.DID. OR US-6043881-\$.DID. OR US-5986747-\$.DID. OR US-5654796-\$.DID. OR US-5596407-\$.DID. OR US-5570179-\$.DID. OR US-5483337-\$.DID. OR US-4973159-\$.DID. OR US-4820048-\$.DID. OR US-4664477-\$.DID. OR US-4575241-\$.DID. OR US-6538734-\$.DID.	US-PGPUB; USPAT	OR	ON	2006/06/18 12:28
L2	8	("5942855") or ("20020093652") or ("20030214651") or ("20020071117")).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/18 12:28
L3	24	L1 or L2	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 12:28
L4	4	L3 and rf	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 12:28
L5	1	4 and antenna	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 12:50
L6	5601	rf and antenna and (microplasma plasma)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 12:51
L7	20	6 and (emission with volume) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 13:10
L8	324	(356/316).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/18 13:09
L9	105	8 and (volume) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 13:10
L10	17	8 and (volume) near3 (plasma microplasma) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:20
L11	15	8 and (volume area) near3 (large\$2 bigger "%" percent\$4) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:21

EAST Search History

L12	24	rf and antenna and (plasma micro near plasma microplasma) with (volume area) near3 (large\$2 bigger "%" percent\$4) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 13:44
L13	22	12 not 11	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 13:41
L14	206	(plasma micro near plasma microplasma) with (volume area) near3 (large\$2 bigger "%" percent\$4) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:14
L15	135	14 not blood	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 13:45
L16	11	(plasma micro near plasma microplasma) with (volume area) near3 (large\$2 bigger "%" percent\$4) with (measur\$ detect\$ determin\$ spectr\$)	EPO; JPO	OR	ON	2006/06/18 14:14
L17	8542	(356/300-334,402-425).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/18 14:20
L18	31	17 and (volume) near3 (plasma microplasma) with (measur\$ detect\$ determin\$ spectr\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:20
L19	76	17 and (volume area) near3 (large\$2 bigger "%" percent\$4) with (measur\$ detect\$ determin\$ spectr\$) and (plasma microplasma)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:22
L20	5	18 and 19	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:23
L21	4	20 not blood	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:22
L22	102	18 or 19	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:23
L23	4	21 not blood	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:24
L24	80	22 not blood	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:34

EAST Search History

L25	4	17 and (plasma microplasma) near sheath	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:35
L26	143	17 and (plasma microplasma) near5 (window lens)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:37
L27	9	26 and sheath	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:35
L28	2	17 and (plasma microplasma) near3 (distance length cm nm) near5 (window lens)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:42
L29	0	17 and (plasma microplasma) with (sheath) with (volume)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:42
L30	99	(plasma microplasma) with (sheath) with (volume)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/18 14:43
S1	4	frank near doughty.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 15:07
S2	2	frank near doughty	EPO; JPO	OR	ON	2006/06/16 15:10
S3	16	US-6643014-\$.DID. OR US-6577390-\$.DID. OR US-6429935-\$.DID. OR US-6381014-\$.DID. OR US-6594010-\$.DID. OR US-6043881-\$.DID. OR US-5986747-\$.DID. OR US-5654796-\$.DID. OR US-5596407-\$.DID. OR US-5570179-\$.DID. OR US-5483337-\$.DID. OR US-4973159-\$.DID. OR US-4820048-\$.DID. OR US-4664477-\$.DID. OR US-4575241-\$.DID. OR US-6538734-\$.DID.	US-PGPUB; USPAT	OR	ON	2006/06/16 15:11
S4	8	("5942855") or ("20020093652") or ("20030214651") or ("20020071117")).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/06/16 16:08
S5	24	S3 or S4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 16:08
S6	4	S5 and rf	US-PGPUB; USPAT; DERWENT	OR	ON	2006/06/16 16:08

EAST Search History INTERFERENCE KG.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L31	4	((plasma microplasma) and (sheath) same (volume)).clm.	US-PGPUB	OR	ON	2006/06/18 14:55
L32	193	((plasma microplasma) and (window lens optical element) near4 (distance dimension length nm cm)).clm.	US-PGPUB	OR	ON	2006/06/18 14:55
L33	6	((plasma microplasma) near4 (window lens optical element) near4 (distance dimension length nm cm)).clm.	US-PGPUB	OR	ON	2006/06/18 14:56
L34	1	((plasma microplasma) and (rf) and (antenna) and (measur\$ detect\$ determin\$) near4 (total percent\$4 "%" amount) near3 (volume area)).clm.	US-PGPUB	OR	ON	2006/06/18 14:57

Dialog DataStar[options](#)[logout](#)[feedback](#)[help](#)[databases](#)[easy search](#)

INSPEC K.G.

Advanced Search:

Inspec - 1898 to date (INZZ)

[limit](#)

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	doughty-f\$	unrestricted	2	show titles
2	INZZ	plasma OR microplasma	unrestricted	345551	show titles
3	INZZ	2 AND rf AND antenna	unrestricted	1186	show titles
4	INZZ	3 AND spectro\$	unrestricted	0	-
5	INZZ	3 AND emissions NEAR volumn	unrestricted	0	-
6	INZZ	3 AND emissions NEAR volume	unrestricted	0	-
7	INZZ	2 AND emissions NEAR volume	unrestricted	5	show titles
8	INZZ	2 AND sheath AND volume	unrestricted	160	show titles
9	INZZ	2 AND sheath NEAR volume	unrestricted	21	show titles

[hide](#) | [delete all search steps...](#) | [delete individual search steps...](#)Enter your search term(s): [Search tips](#) ☐ Thesaurus mapping Information added since: or:
(YYYYMMDD)[search](#)☐ Documents with images

Select special search terms from the following list(s):

- ☒ Publication year 1950-
- ☒ Publication year 1898-1949
- ☒ Inspec thesaurus - browse headings A-G
- ☒ Inspec thesaurus - browse headings H-Q
- ☒ Inspec thesaurus - browse headings R-Z
- ☒ Inspec thesaurus - enter a term
- ☒ Classification codes A: Physics, 0-1
- ☒ Classification codes A: Physics, 2-3
- ☒ Classification codes A: Physics, 4-5
- ☐ Classification codes A: Physics, 6



microplasma author:"f doughty"

Search

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

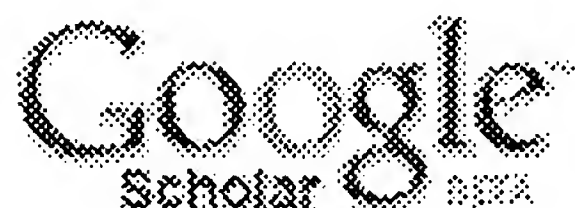
Your search - **microplasma author:"f doughty"** - did not match any articles.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.
- Try your query on the entire web.

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)Searched the web for **plasma author:"f doughty"**.

Results 1 - 3 of 3. Search took 0.06 seconds.

Relationship of blood markers to disease severity and drug efficacy in rat adjuvant arthritis - group of 2 » [All articles](#) [Recent articles](#)

JRF Doughty, RLF Goldberg, EJF Schenkelaars, HNF ... - Inflammation Research, 1991 - Springer
... HA was mea- sured by an inhibition ELISA [4]. PMN counts were determined on a Technicon
H-1. PGE 2 levels were measured in heparinized **plasma** using a com ...
[Cited by 2 - Web Search](#)

Low loss mirrors for InP/InGaAsP waveguides

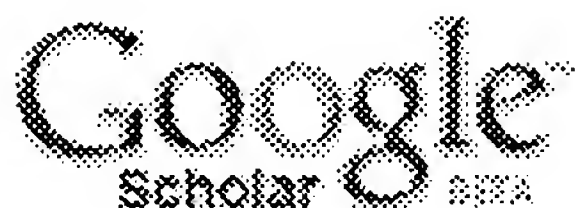
AL Burness, PH Loosemore, SN Judge, ID Henning, SE ... - Electronics Letters, 1993 - ieeexplore.ieee.org
... Evaporated nickel was chosen as the masking material as it was expected to withstand
the **plasma**, and to be easily remov- able after the etch. ...
[Cited by 5 - Web Search - BL Direct](#)

A study of virus-like particles present in bovine nerve sheath tumours.

PJ Canfield, FR Doughty - Aust Vet J, 1980 - ncbi.nlm.nih.gov
... were found in a number of tumours and were present either as aggregates in
pseudonuclear inclusions or as budding forms associated with the **plasma** membrane....
[Web Search](#)

[Search within results](#)[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google



microplasma sheath volume spectrometer

Search

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)

Searched the web for **microplasma sheath volume spectrometer**. Results 1 - 10 of about 23. Search took 0.10

Did you mean: ***mycoplasma*** sheath volume spectrometer

Spatially resolved diagnostics of an atmospheric pressure direct current helium **microplasma** - group of 2 »

[All articles](#) [Recent articles](#)

Q Wang, I Koleva, VM Donnelly, DJ Economou - J. Phys. D: Appl. Phys., 2005 - iop.org
... of several plasma parameters of an atmospheric pressure DC helium **microplasma** are reported. Gas temperature, electron density and cathode **sheath** electric field ...
[Web Search](#)

Emission spectroscopy using a microfabricated inductively coupled plasma-on-a-chip

I Lecture - Journal of Analytical Atomic Spectrometry, 2002 - rsc.org
... s or else the actual plasma chamber **volume** is completely consumed by the **sheath**. ...
temperature require- ments for a particular **microplasma** chamber size ...
[Web Search](#)

... of Aerosol Charge Distribution by Surface-Discharge **Microplasma** Aerosol Charger (SMAC) - group of 2 »

SB Kwon, T Fujimoto, Y Kuga, H Sakurai, T Seto - Aerosol Science and Technology, 2005 - Taylor & Francis
... pulses (referred to as surface-discharge **microplasma** aerosol charger ... The **volume** of the effective charging region was ... The **sheath** air flowrate (Q_{sh}) of DMA1 was ...
[Web Search](#)

[BOOK] Micro Total Analysis System 2002: **Volume 1**

Y Baba, S Shoji, A Van Den Berg - 2002 - books.google.com
... 3—7 November 2002 **Volume 1** edited by ... Steve P. Beaumont, David RS Cumming and Jonathan M. Cooper
DETECTION OF MULTIPLE REAL-TIME NASBA IN NANOLITER **VOLUME 184** ...
[Web Search](#)

Diagnostics and application of the microhollow cathode discharge as an analytical plasma - group of 2 »

M Miclea, K Kunze, U Heitmann, S Florek, J Franzke ... - J. Phys. D: Appl. Phys., 2005 - iop.org
... an electron temperature of 10eV in the cathode **sheath**. ... be dissociated, excited and ionized in a **microplasma**. ... energy; therefore, the injected **volume** should be ...
[Cited by 1](#) - [Web Search](#)

Chemical Characterization of Aerosols: On-Line and In Situ

R Niessner - Angewandte Chemie International Edition in English, 1991 - doi.wiley.com
... 5. Construction principle of a photoacoustic aerosol **spectrometer**. ... as a free-flowing current in a **sheath** air arrange ... light from the interaction **volume** is led ...
[Web Search](#)

Micro total analysis systems. 2. Analytical standard operations and applications - group of 3 »

PA Auroux, D Iossifidis, DR Reyes, A Manz - Anal. Chem, 2002 - mit.edu
... followed by the addition of cyclohexyl isocyanide to give R -dialkylacetamide, and monitored each step of the reaction using a mass **spectrometer** (107). ...
[Cited by 299](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Visualization of laser-induced breakdown and ignition - group of 7 »


YL Chen, JWL Lewis - Optics Express, 2001 - opticsinfobase.org
... and resonant multiphoton photochemical formation of **microplasma**," Combust ... 2 mm, which implies a **volume** expansion of ... laminar flow, and an annular **sheath** of argon ...
[Cited by 11](#) - [Web Search](#)

Gas chromatography combined with fast flow glow discharge mass spectrometry (GC-FFGD-MS) - group of 2 »

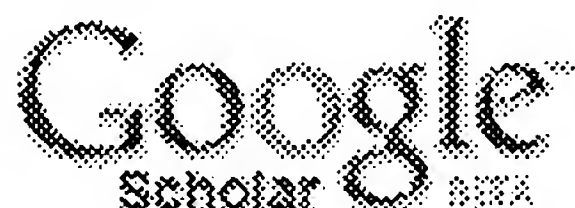
K Newman, RS Mason - Journal of Analytical Atomic Spectrometry, 2004 - pubs.rsc.org

... flow of gas effectively eliminates any dead **volume** effects in ... 33, He-rf-microplasma, 10³, 0.9-11 pg s⁻¹, ... than that generated by the natural **sheath** potential at ...[Web Search](#) - [BL Direct](#)Sankaran, Ramanathan Mohan (2004-05-27) High-pressure microdischarges as microreactors for materials ... - group of 2 »

URL Persistent - etd.caltech.edu

... of a **microplasma** source to integration of the source in a variety of ... positive and negative space charges balance in a given **volume** such ... cathode fall or **sheath**. ...[View as HTML](#) - [Web Search](#)Did you mean to search for: **mycoplasma** sheath volume spectrometerGoogle Result Page: 1 2 3 [Next](#)[Search within results](#)[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google

[Advanced Scholar Search](#)
[Scholar Preferences](#)
[Scholar Help](#)Searched the web for **microplasma rf antenna spectrometer**.

Results 1 - 2 of 2. Search took 0.09 seconds.

Did you mean: **mycoplasma** rf antenna spectrometer[Gas discharge plasmas and their applications - group of 5 »](#)[All articles](#) [Recent articles](#)A Bogaerts, E Neyts, R Gijbels, J van der Mullen - Spectrochimica Acta Part B,
2002 - webhost.ua.ac.be... The ions can be detected with a mass **spectrometer**, and the excited atoms ... fference
is applied, as in a capacitively coupled radio-frequency (rf) discharge (see ...[Cited by 31](#) - [View as HTML](#) - [Web Search](#)[This paper appears in: Plasma Science, 2004. ICOPS 2004. IEEE Conference Record-
Abstracts. The 31st ... - group of 2 »](#)[TOC View](#) - Plasma Science, 2004. ICOPS 2004. IEEE Conference Record- ... - [ieeexplore.ieee.org](#)... Applications - I BI: Control of Uniformity of Plasma-Surface Modification Inside
of Small-Diameter Polyethylene Tubing Using **Microplasma** Diagnostics JL Lauer1 ...[Web Search](#)Did you mean to search for: **mycoplasma** rf antenna spectrometer[Search within results](#)[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google